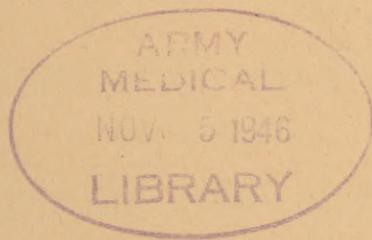


## JAPANESE MEDICAL MATERIAL

DYSENTOL

(Tablets of Matrine and Phenolsulfonate Salts)



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MEDICAL ANALYSIS SECTION  
5250th Technical Intelligence Company  
APO 500

11 July 1946

DYSENTOL

(Tablets of Matrine and Phenolsulfonate Salts)

SOURCE: Tokyo, Japan.

IMPORTANCE: Not previously reported. A preparation of an alkaloid reported to possess curative properties in bacillary and amoebic dysentery. The use of matrine for dysentery is not recorded in available standard American references.

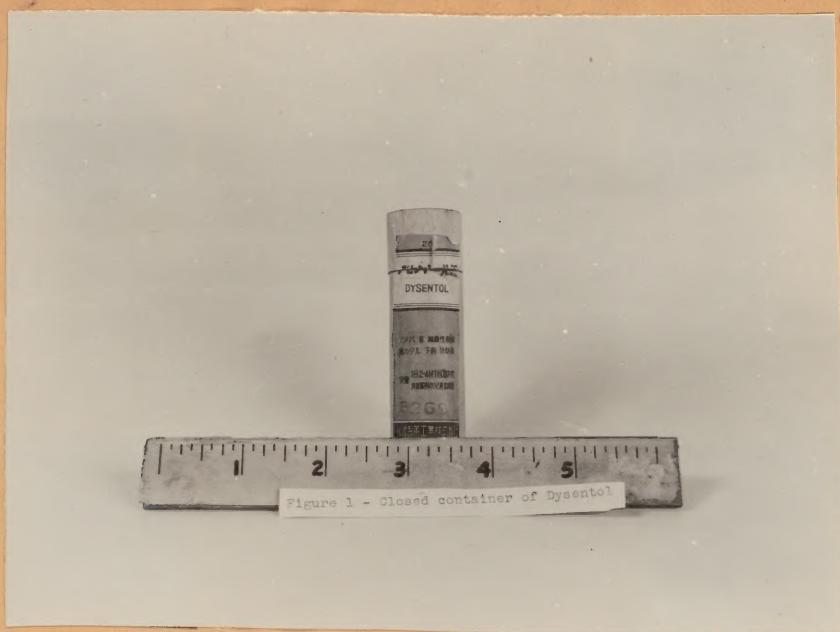
DESCRIPTION: Twenty yellowish tablets (0.3 gm. each) are packaged in a wooden vial.

SUMMARY OF GENERAL INFORMATION: Dysentol contains the alkaloid matrine,  $C_{15}H_{24}N_2O$ , extracted from *Sophora angustifolia*, combined with phenolsulfonate salts. Dysentol is available in vials only, each containing 20 tablets.

While phenolsulfonate salts and their uses are recorded in American literature, the use of matrine for the treatment of dysentery is novel. This alkaloid is claimed to effect the rapid cure of dysentery, whether it be of bacillary or amoebic origin. It is also reported to possess powerful anthelmintic properties. Adult therapy lasts for 5 to 7 days, during which the average dose is 2 to 3 tablets administered 3 or 4 times daily after meals.

A translation of the literature enclosed with this product is part of this report and includes information on the ingredients and properties, indications, directions for use, dosage table, packaging and manufacturer.

PHOTOGRAPHS: Figure 1 - Closed container of Dysentol  
Figure 2 - Opened package and tablets of Dysentol  
Figure 3 - Dysentol literature



細菌性赤痢並アメーバ赤痢、腸カタル及下痢特効薬

# セントル「ヤナギ」 DYSENTOL

## 成分及性状

本剤は細菌性赤痢並に胃腸疾患に特効を呈する *Coephora angustifolia* の有効成分 Matrin  $C_{15}H_{22}N_2O$  なるアルカロイドに腸防病消毒並に異常酵素防止作用を有するフェノールスルフォン酸鹽類を結合せしめたる特殊治療剤にして稍苦味を有する錠剤なり。

本剤の主成分たる Matrin  $C_{15}H_{22}N_2O$  アルカロイドは細菌性赤痢及びアメーバ赤痢に對して極めて迅速なる醫治作用を發揮するばかりでなく且亦強力なる驅蟲作用を有することが發見され健胃、驅蟲両作用を兼ねる成分として醫療界に於て非常なる反響を惹起せるものなり。尙本成分は以上の外に肝臓炎、肝臓病、結腸炎、腸カタル、胃酸過多症等其他の胃腸病にも極めて特異なる効力を有することが發見され、これ等の諸疾患にも汎く實用されるに至れり。

セントルはこの主成分の外に腸防病消毒作用を有するフェノールスルフォン酸鹽類を結合せしめたるを以てこれ等諸成分の相乗作用に基き腸内異常酵素及下痢等にも極めて有効なる藥理作用を發揮して迅速的確なる効力を呈す。

尙本剤は何等の毒性なく服用後嘔吐、恶心、胃腸障礙等の副作用を呈すことなし。

## 適應症

細菌性赤痢、アメーバ赤痢、腸カタル、下痢、肝臓炎、肝臓病、粘液性結腸炎、胃酸過多、腸内異常酵素、其他の胃腸疾患、細虫

## 用法及用量

大 人	一日三—四回	一回二—三粒空腹服用	五—七日連用
一四—七歳	一日三—四回	一回二—五粒	
六—四歳	一日三—四回	毎回一 粒	
三—二歳	一日三—四回	〃 二分ノ一粒	
一歳以下	一日三—四回	〃 大分ノ一粒	

## 包裝

每管二〇粒

TRANSLATION OF LITERATURE ACCOMPANYING DYSENTOL "YANAGI"

DYSENTOL "YANAGI"

(Special Efficacious Preparation for Bacillary Dysentery, Amebic Dysentery, Intestinal Catarrh and Diarrhea)

Ingredients and Properties:

This special therapeutic preparation has as its main ingredients the alkaloid Matrine  $C_{15}H_{24}N_2O$  from Sophora Angustifolia, especially effective in bacillary dysentery and gastro-enteric disorders, combined with phenolsulfonate salts possessing an intestinal anti-putrefactive and disinfectant action and a remarkable anti-fermentative action. It is a tablet preparation with a slightly bitter taste.

The alkaloid Matrine  $C_{15}H_{24}N_2O$ , which is the main ingredient, not only has an extremely speedy curative action in bacillary and amebic dysentery but it possesses a powerful anthelmintic action and its additional action as a peptic and anthelmintic has elicited extraordinary comment within medical circles. This drug is also very effective in hepatitis, colonitis, intestinal catarrh, gastric hyperacidity and other gastro-enteric disorders and is being widely praised by many patients.

Besides this main ingredient Dysentol contains phenolsulfonate salts possessing an intestinal anti-putrefactive and disinfectant action and the multiple actions of these ingredients make this drug a positive, speedy and very effective medication in abnormal intestinal fermentation and diarrhea.

This drug is non-toxic and does not cause any secondary reactions such as vomiting, nausea, or gastro-enteric obstructions.

Indications:

Bacillary dysentery  
Amebic dysentery  
Intestinal catarrh  
Diarrhea  
Hepatitis  
Ulcer of the liver  
Mucous colonitis  
Gastric hyperacidity  
Abnormal intestinal fermentation  
Round worms

Directions and dosages:

Adults - 2 to 3 tablets 3 or 4 times per day after meals.

Continue for 5 to 7 days.

7 - 14 years - 1 to  $1\frac{1}{2}$  tablets 3 to 4 times per day.

4 - 6 years - 1 tablet - 3 to 4 times per day.

2 - 3 years -  $\frac{1}{2}$  tablet - 3 to 4 times per day.

1 year -  $\frac{1}{6}$ th tablet - 3 to 4 times per day.

Packaging:

20 Tablets per vial

Manufactured and Sold by:

Ryukan Pharmaceutical Manufacturing Co., Ltd.

Keijin Sen, Susa